

5.0 ENVIRONMENTAL IMPACT ANALYSIS AND MITIGATION MEASURES

This section of the EIR identifies the environmental issue areas that have been determined to result in a potentially significant environmental impact. Each significant impact is discussed and analyzed in the sections that follow per the following format:

Existing Conditions: Discussion of the existing conditions, services, and physical environment of the project area.

Thresholds for Determining Significance: The amount of type of impact that constitutes a substantial or potentially substantial adverse change in the environment. Based on this criteria, project impacts can be classified as: significant and unavoidable; significant; significant, but can be mitigated; or less than significant.

Environmental Impacts: A discussion of impacts of the proposed project in qualitative and/or quantitative terms, based on the uses of land identified in the project description.

Mitigation Measures: A discussion of the measures required by the City of Carlsbad to avoid, mitigate, or substantially lessen adverse impacts for each environmental issue area.

Impact After Mitigation: A discussion of the level of impact of the proposed project with implementation of required mitigation measures.

Potentially significant environmental impacts analyzed in Section 5.0 are as follows:

- 5.1 Air Quality
- 5.2 Biological Resources
- 5.3 Cultural Resources
- 5.4 Hazards and Hazardous Materials
- 5.5 Noise
- 5.6 Traffic and Circulation
- 5.7 Visual Aesthetics and Grading
- 5.8 Agricultural Resources
- 5.9 Geology and Soils
- 5.10 Hydrology and Water Quality
- 5.11 Land Use and Planning
- 5.12 Public Utilities and Service Systems

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